MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

APRIL 1953

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

APRIL 1953

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22·30	Mean	Max.	Min.	8:30	14:30	20.30	Mean
1	56.2	57.2	57.9	57.1	18.0	10.8	17.7	15.3	13.9	15.6
2	56.9	56.5	59.3	57.6	17.2	12.8	13.3	16.1	14.5	14.6
3	60.1	60.4	61.5	60.7	18.4	13.6	14.2	18.2	15.3	15.9
4	62.0	62.5	63.6	62.7	19.5	13.7	17.1	17.4	15.1	16.5
5	64.2	64.2	64.3	64.2	20.0	12.9	16.3	18.0	15.0	16.4
6	64.3	63.6	63.8	63.9	19.1	13.2	17.2	18.4	15.4	17.0
7	62.8	61.4	61.7	62.0	19.0	11.7	16.9	18.8	15.6	17.1
8	61.0	60.2	60.4	60.5	19.4	14.6	17.2	18.8	16.6	17.5
9	61.3	61.1	62.2	61.5	20.3	13.7	17.6	19.3	15.8	17.6
10	63.5	64.4	64 3	64.1	21.4	15.2	17.5	20.1	16.6	18.1
11	64.0	62.2	61.3	62.5	23.9	15.9	20.9	23.3	20.1	21.4
12	61.9	60.2	60.5	60.9	24.6	16.5	20.4	23.8	18.3	20.8
13	57.9	58.2	58.5	58.2	23.0	14.8	20.8	20.6	16.7	19.4
14	59.2	60.7	60.4	60.1	20.5	13.6	17.3	20.4	15.5	17.7
15	62.3	62.6	62.7	62.5	20.1	13.9	17.6	18.7	15.7	17.3
16	63.0	62.8	62.4	62.7	23.5	16.9	19.3	22.3	18.9	20.2
17	62.5	61.7	60.9	61.7	23.6	16.3	19.7	22.1	18.4	20.1
18	60.8	58.7	57.8	59.1	24.2	16.2	18.4	23.9	19.7	20.7
19	58.2	58.3	58.6	58.4	21.9	15.1	19.2	20.8	16.3	18.8
20	59.0	58.7	59.1	58.9	21.7	13.7	18.3	21.0	16.3	18.5
21	59.5	59.6	59.1	59.4	21.8	15.2	19.2	19.4	16.2	18.3
22	59.7	60.1	60.6	60.1	22.0	14.8	19.1	21.1	16.4	18.9
23	60.9	60.5	60.2	60.5	22.3	14.0	18.9	18.7	17.1	18.2
24	60.0	59.6	59.9	59.8	21.5	13.7	20.0	19.6	16.5	18.7
25	59.8	59.3	59.1	59.4	22.7	14.4	20.2	21.9	16.7	19.6
26	60.2	60.7	62.1	61.0	23.5	15.1	19.4	23.0	16.4	19.6
27	64.1	63.4	63.6	63.7	23.2	14.9	19.4	22.3	17.2	19.6
28	63.1	61.6	60.9	61.9	23.4	17.0	19.9	21.7	18.7	20.1
29	58.6	57.6	57.0	57.7	24.7	17.8	21.9	23.5	19.3	21.6
30	56.4	56.1	56.4	56.3	25.1	17.6	21.8	24.7	19.8	22.1
31										
	60.78	60.47	60.67	60.64	21.65	14.65	18.56	20.44	16.80	18.60

Barometer, range for month 764.4 mm. — 756.1 mm.
„ 71-yr. average for month 760.03 mm.
Thermometer, range for month 25.1°C — 10.8°C
„ 71-yr. average for month 36.0°C — 10.5°C
Rain total for month 42.92 mm.
„ 71-yrs average for month 55.16 mm.
„ Total, Sept. 1st. to end of month 1051.27 mm.
„ 71-yrs. average. Sept. 1st. to end of month 870.00mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	18.1	16.6	14.4	16.4	90	93	90	91	0.0	414.0	16.51
2	11.9	12.6	13.4	12.6	78	68	80	75	2.2	937.0	12.44
3	13.4	15.5	13.0	14.0	83	72	73	76	5.9	718.0	7.62
4	10.7	14.2	12.0	12.3	54	72	70	65	6.7	483.0	
5	13.1	14.3	14.0	13.8	72	71	83	75	7.4	111.0	
6	14.8	14.4	14.5	14.6	74	70	81	75	9.7	103.0	
7	14.2	15.0	14.0	14.4	75	69	80	75	9.6	151.0	
8	14.8	15.5	15.7	15.3	74	71	82	76	8.1	478.0	
9	16.4	17.3	15.0	16.2	80	76	86	81	10.3	291.0	6.35
10	15.3	16.9	15.7	16.0	78	73	83	78	9.3	774.0	
11	10.1	10.9	12.5	11.2	40	38	54	44	9.4	510.0	
12	16.4	16.6	14.4	15.8	69	56	69	65	7.9	127.0	
13	13.1	18.7	15.7	15.8	55	78	84	72	8.2	449.0	
14	13.7	13.7	12.1	13.2	71	57	70	66	10.0	322.0	
15	12.3	11.9	13.0	12.4	61	55	73	63	9.0	174.0	
16	15.6	19.2	11.9	15.6	70	71	55	65	9.6	100.0	
17	19.0	20.4	18.8	19.4	83	77	89	83	9.7	76.0	
18	18.2	13.2	11.4	14.3	86	44	51	60	9.5	185.0	
19	15.0	13.1	12.6	13.6	69	55	69	64	10.4	483.0	
20	12.8	14.9	12.1	13.3	61	59	68	63	10.5	346.0	
21	12.4	13.0	14.1	13.2	56	56	76	63	11.8	463.0	
22	14.5	17.1	15.7	15.8	67	69	82	73	10.0	114.0	
23	15.5	16.7	16 3	16.2	71	76	84	77	3.9	98.0	
24	16.3	15.6	15.7	15.9	69	71	83	74	4.9	122.0	
25	15.8	16.7	15.2	15.9	67	65	81	71	9.5	164.0	
26	14.6	15.8	15.1	15.2	65	58	83	69	11.4	143.0	
27	15.6	16.2	15.8	15.9	68	60	80	69	12.0	84.0	
28	16.3	16.1	18.3	16.9	71	61	85	72	10.6	396.0	
29	14.4	20.1	19.0	17.8	58	71	85	71	11.0	335.0	
30	18.4	21.7	18.6	19.6	71	71	79	74	10.8	246.0	
31											
	14.76	15.80	14.67	15.09	69.5	66.1	76.9	70.8	8.64	313.23	1.43

Height of Barometer above sea level : 33.7 meters.
„ „ Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	10cu-ni	10ni	5cu-ni	8.3	1sw	2sw	0	light	
2	10ni	10cu-ni	1cu	7.0	2sw	4sw	2sw	slight	
3	10ni	8cu-st	10st	9.3	3sw	3sw	3sw	,,	
4	6cu	10cu-st	10st	8.7	3sw	3sw	1sw	light	
5	10cu-st	4cu	4cu	6.0	1sw	1nw	0	,,	
6	4cu	2cu	2cu-st	2.7	1ne	2nw	1ne	light	D., A.M.
7	0	1cu	2cu	1.0	1n	1n	1n	calm	
8	6cu	4cu-st	9cust	6.3	1n	2n	3n	light	D., A.M.
9	0	3cu	0	1.0	1n	1n	1nw	,,	
10	0	1cu	0	0.3	3sw	3sw	1sw	,,	
11	0	0	0	0.0	1sw	3sw	2sw	light	
12	0	0	0	0.0	1sw	1sw	0	calm	H., p.m.
13	9cu-ci	10ci-st	2cu	7.0	2sw	2sw	1sw	light	H., p.m.
14	7cu	3cu-ci	7st	5.7	3sw	3sw	2sw	slight	
15	3cu	7ci	0	3.3	1sw	2n	3n	light	
16	10st	10ci-st	0	6.7	1n	2ne	0	light	
17	0	0	0	0.0	1n	1n	1ne	,,	D., A.M.
18	10st	9cu-ci	0	6.3	1sw	1s	1w	,,	
19	0	1cu	2cu	1.0	3sw	3sw	3w	,,	
20	6cu	8cu-st	3cu	5.7	2sw	3sw	1w	,,	
21	8ci	0	0	2.7	2sw	2nw	3ne	light	
22	4ci	8ci	0	4.0	2ne	1n	1n	,,	
23	10st	10cu-ni	0	6.7	1ne	2sw	1sw	,,	D., A M.
24	8cist	8st	10st	8.7	2ne	1nw	0	,,	D., a.m.
25	1ci	10cu-st	0	3.7	2s	2sw	0	,,	D., a ,m.
26	5cu-ci	4cu	5cu	4.7	1sw	2w	1w	light	D., a.m.
27	0	0	0	0.0	1n	2nw	1n	,,	
28	8ci	9ci	10 st	9.0	1ne	2n	1ne	,,	
29	2cu-ci	7cu-ci	9cu	6.0	2ne	3ne	1e	,,	
30	4cu-ci	0	10ci-st	4.7	1ne	2ne	1e	,,	D., p.m.
31									
	mean			4.55					

Abbreviations : G = gale; H = haze; M = mist ; T = thunderstorm ; D = dew.
W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	6	7	0	0	1	16	0	0	0	30
14:30	7	3	0	0	1	13	1	5	0	30
20:30	5	4	2	0	0	8	4	1	6	30
Total	18	14	2	0	2	37	5	6	6	90

Number of days with rain 4, fog 0, thunderstorms 0, gale 0.
71 yr. av. number of days with rain during month 6.23